



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

April 21, 2006

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

RECEIVED
APR 27 2006

EDMC

Mr. Jim Henschel, Project Manager
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Re: Class ¹ Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant) WA7890008967; Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-05-026

Dear Mr. Schepens and Mr. Henschel:

The Department of Ecology approves the referenced Class ¹ Modification submitted by the United States Department of Energy – Office of River Protection. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-PTF-PCN-ENV-05-026 provides the updated (Revision 2) Pretreatment Facility Material Selection Data Sheet for the Alkaline Effluent Vessels RLD-VSL-00017-A and RLD-VSL-00017-B (24590-PTF-N1D-RLD-P0002).

If there are any questions, contact me at (509) 372-7882 or Robbie Biyani at (509) 372-7884.

Sincerely,

Brenda Becker-Khaleel
WTP Lead Permit Writer
Nuclear Waste Program

AH:jc
Enclosure

cc: See next page



Mr. Schepens and Mr. Henschel
April 21, 2006
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cc/elect w/enc:

Robert Barr, USDOE
John Eschenberg, USDOE
Joel Hebdon, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Woody Russell, USDOE
Don Sommer, USDOE
Julie Atwood, BNI
Bill Elkins, BNI
Brad Erlandson, BNI
Stan Hill, BNI
Dennis Klein, BNI
Ermelinda Saucedo, BNI
Phil Peistrup, WGI

cc w/enc:

Administrative Record: Tank Waste Treatment Requirements ✓
Environmental Portal
USDOE-ORP Correspondence Control

| Hanford Facility RCRA Permit Modification Notification Form | | | | | | | | | | | | | | |
|---|---|----------------------|---|---------|--|---------|----------------------|---------|----------|-------------------------------------|-------|---------------------------------|--|--|
| Unit: Waste Treatment and Immobilization Plant | Permit Part & Chapter: Part III, Chapter 10 and Attachment 51 | | | | | | | | | | | | | |
| Description of Modification: The purpose of this modification is to update the Material Selection Data Sheet (MSDS) for the alkaline effluent vessels (RLD-VSL-00017-A/B) in Appendix 8.9 of the Dangerous Waste Permit. Changes to the documents are summarized below. Material Selection Data Sheet 24590-PTF-N1D-RLD-P0002, Rev. 2 <ol style="list-style-type: none"> 1. The recommended Corrosion Allowance was clarified to include the corrosion and erosion allowances. 2. Revisions were made to the General Corrosion section to include references for the corrosion data. 3. Section j Erosion was revised to include select erosion rates and a reference for the rates. 4. The References section was revised to add 7 references. 5. The Bibliography was revised to add two references. These changes do not substantially alter permit conditions or reduce the capacity of the facility to protect human health and the environment. Please replace the following in the DWP | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center; padding: 5px;">Appendix 8.9</td> </tr> <tr> <td style="width: 15%; padding: 5px;">Replace:</td> <td style="width: 35%; padding: 5px;">24590-PTF-N1D-RLD-P0002, Rev. 1</td> <td style="width: 15%; padding: 5px;">With:</td> <td style="width: 35%; padding: 5px;">24590-PTF-N1D-RLD-P0002, Rev. 2</td> </tr> </table> | | | | | Appendix 8.9 | | | | Replace: | 24590-PTF-N1D-RLD-P0002, Rev. 1 | With: | 24590-PTF-N1D-RLD-P0002, Rev. 2 | | |
| Appendix 8.9 | | | | | | | | | | | | | | |
| Replace: | 24590-PTF-N1D-RLD-P0002, Rev. 1 | With: | 24590-PTF-N1D-RLD-P0002, Rev. 2 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">WAC 173-303-830 Modification Class: ^{1 2}</td> <td style="width: 12.5%; padding: 5px;">Class 1</td> <td style="width: 12.5%; padding: 5px;">Class ¹1</td> <td style="width: 12.5%; padding: 5px;">Class 2</td> <td style="width: 12.5%; padding: 5px;">Class 3</td> </tr> <tr> <td style="padding: 5px;">Please mark the Modification Class:</td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> </table> | | | | | WAC 173-303-830 Modification Class: ^{1 2} | Class 1 | Class ¹ 1 | Class 2 | Class 3 | Please mark the Modification Class: | | X | | |
| WAC 173-303-830 Modification Class: ^{1 2} | Class 1 | Class ¹ 1 | Class 2 | Class 3 | | | | | | | | | | |
| Please mark the Modification Class: | | X | | | | | | | | | | | | |
| Enter Relevant WAC 173-303-830, Appendix I Modification citation number: N/A Enter wording of WAC 173-303-830, Appendix I Modification citation: N/A In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class ¹ 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to the facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval." | | | | | | | | | | | | | | |
| Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial: | | | Reviewed by Ecology: <div style="text-align: right;"> S. Dahl </div> <div style="text-align: right;"> 4/21/06 Date </div> | | | | | | | | | | | |

¹ Class 1 modifications requiring prior Agency approval.

² This is only an advanced notification of an intended Class ¹1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.